

UNDERSEA FEATURE NAME PROPOSAL

(See **NOTE** overleaf)

Note: The boxes will expand as you fill the form.

Name Proposed:	Xunmei Knoll	Ocean or Sea:	South Atlantic Ocean
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Geometry that best defines the feature (Yes/No) :						
Point	Line	Polygon	Multiple points	Multiple lines*	Multiple polygons	Combination of geometries
		Yes				

* *Geometry should be clearly distinguished when providing the coordinates below.*

	Lat. (e.g. 63°32.6'N)	Long. (e.g. 046°21.3'W)
Coordinates:	26°01.1'S (top)	013°52.0'W (top)
	26°04.6'S (bottom)	013°51.1'W (bottom)
	26°04.4'S	013°53.4'W
	26°03.1'S	013°54.4'W
	26°01.6'S	013°54.6'W
	26°00.3'S	013°54.7'W
	25°58.7'S	013°54.2'W
	25°58.2'S	013°53.6'W
	25°58.1'S	013°51.1'W
	25°57.3'S	013°50.4'W
	25°57.7'S	013°49.6'W
	25°59.5'S	013°49.2'W
	26°03.4'S	013°49.2'W
	26°04.2'S	013°49.8'W
26°04.6'S	013°51.1'W	

Feature Description:	Maximum Depth:	3170m	Steepness :	
	Minimum Depth :	2490m	Shape :	
	Total Relief :	680m	Dimension/Size :	9.5km × 7.0km

Associated Features:	This knoll is located at south of Fangzhou Seamount. It has a roughly circular shape.
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Chart/Map References:	Shown Named on Map/Chart:	
	Shown Unnamed on Map/Chart:	GEBCO 5.12

	Within Area of Map/Chart:	
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Reason for Choice of Name (if a person, state how associated with the feature to be named):	Xunmei comes from a verse in a poem named Jing Nv in SHI JING • GUO FENG (Shi Jing is a collection of ancient Chinese poems). This verse describes a scene from a beautiful love story. A girl picks an kind of grass called Yi and sends it to her loved boy (The grass of Yi was sometimes used to show love and desire to get married in ancient China).The boy feels very happy and wonderful. Xunmei represents wonderfulness.
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Discovery Facts:	Discovery Date:	Mar. 2011
	Discoverer (Individual, Ship):	R/V Dayang Yihao

Supporting Survey Data, including Track Controls:	Date of Survey:	Mar. 2011
	Survey Ship:	R/V Dayang Yihao
	Sounding Equipement:	Multi-beam Sounding System (EM120)
	Type of Navigation:	StarFire-2050M WAD DGPS
	Estimated Horizontal Accuracy (nm):	≤0.0054nm
	Survey Track Spacing:	5nm
Supporting material can be submitted as Annex in analog or digital form.		

Proposer(s):	Name(s):	China Ocean Mineral Resources R&D Association(COMRA)
	Date:	Aug.2015
	E-mail:	comra@comra.org
	Organization and Address:	State Oceanic Administration, China No.1 Fuxingmenwai Ave. Beijing
	Concurrer (name, e-mail, organization and address):	

Remarks:	The proposal has been reviewed and approved by Sub-Committee on Undersea Feature Names of China Committee on Geographical Names (CCUFN) No.1 Fuxingmenwai Ave. Beijing 100860 heyunxu@sina.com
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NOTE : This form should be forwarded, when completed :

- a) **If the undersea feature is located inside the external limit of the territorial sea** :-
to your "National Authority for Approval of Undersea Feature Names" (see page 2-9) or, if
this does not exist or is not known, either to the IHB or to the IOC (see addresses below);
- b) **If at least 50 % of the undersea feature is located outside the external limits of the
territorial sea** :-
to the IHB or to the IOC, at the following addresses :

International Hydrographic Bureau (IHB) 4, Quai Antoine 1er B.P. 445 MC 98011 MONACO CEDEX <u>Principality of MONACO</u> Fax: +377 93 10 81 40 E-mail: info@ihb.mc	Intergovernmental Oceanographic Commission (IOC) UNESCO Place de Fontenoy 75700 PARIS <u>France</u> Fax: +33 1 45 68 58 12 E-mail: info@unesco.org
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Attachment

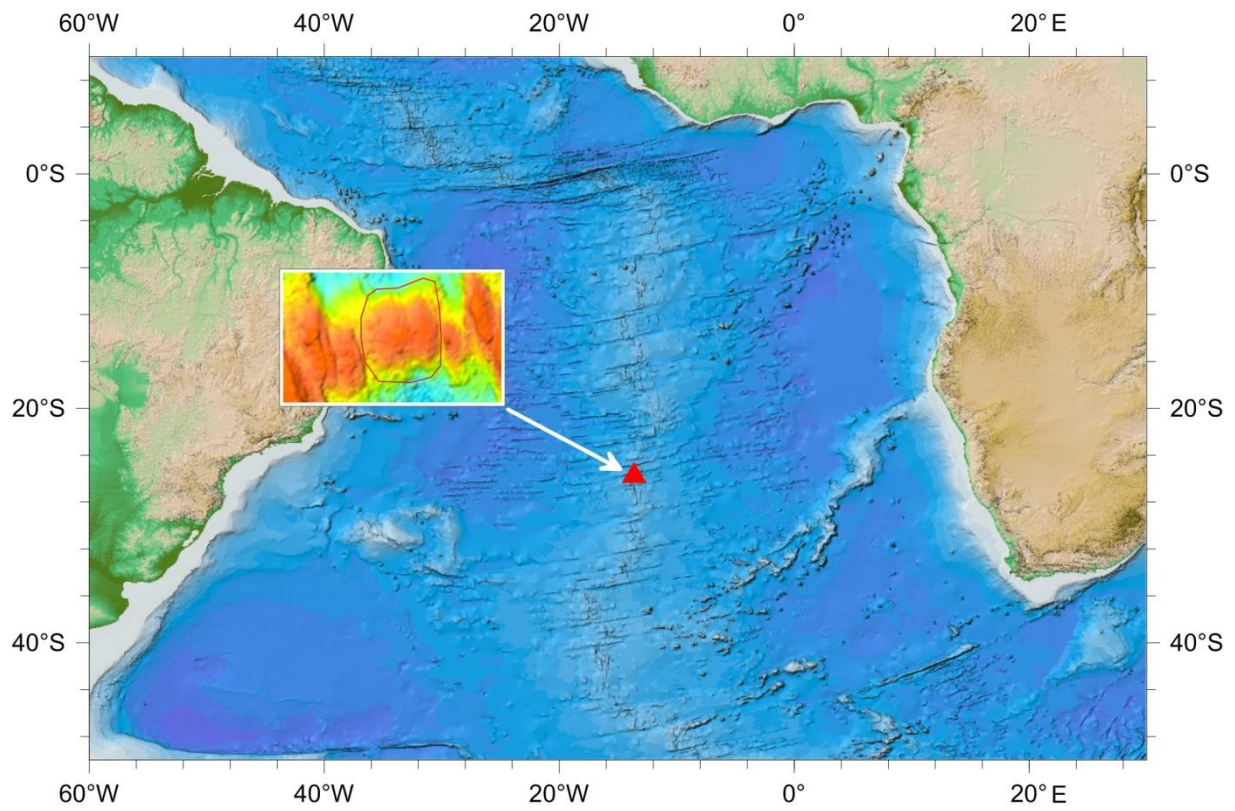


Fig1. Index map showing the location of the Xunmei Knoll

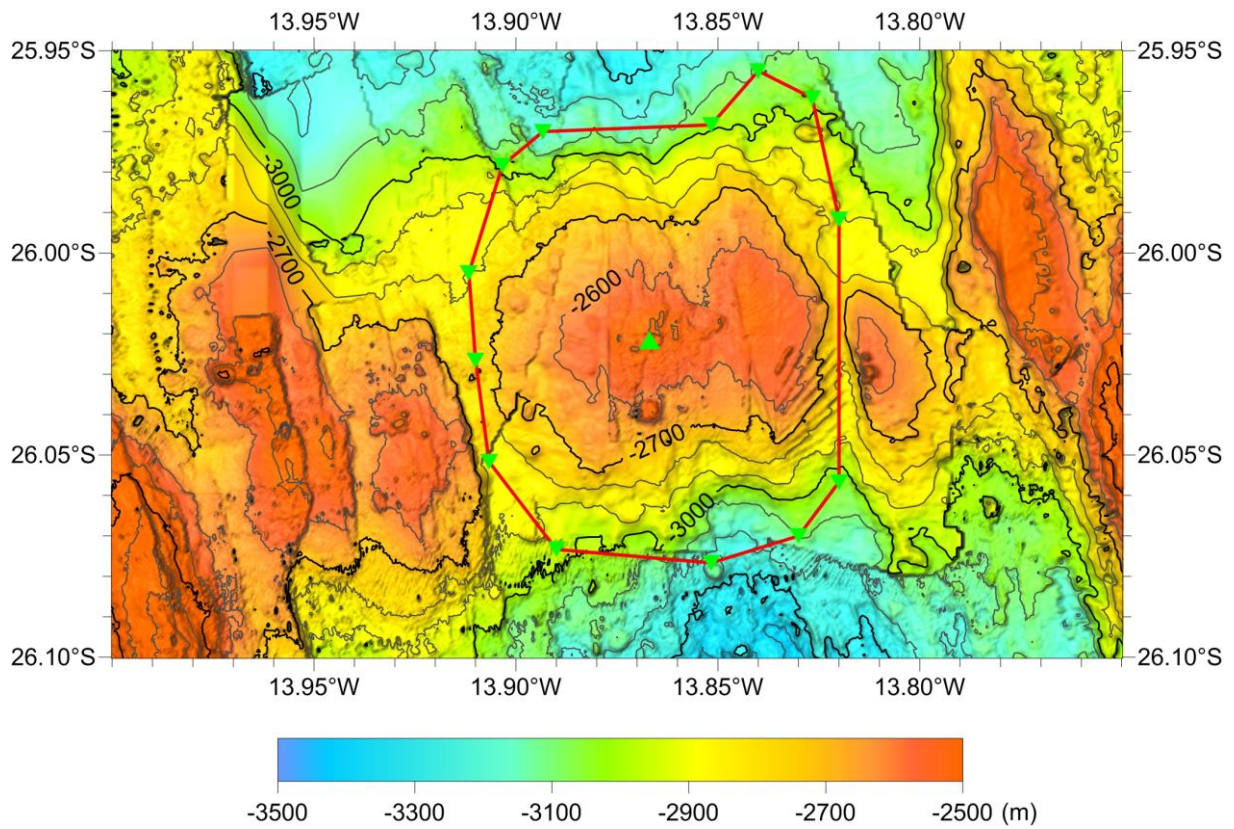


Fig2. Bathymetric map of the Xunmei Knoll

(Contours are in 100 m)

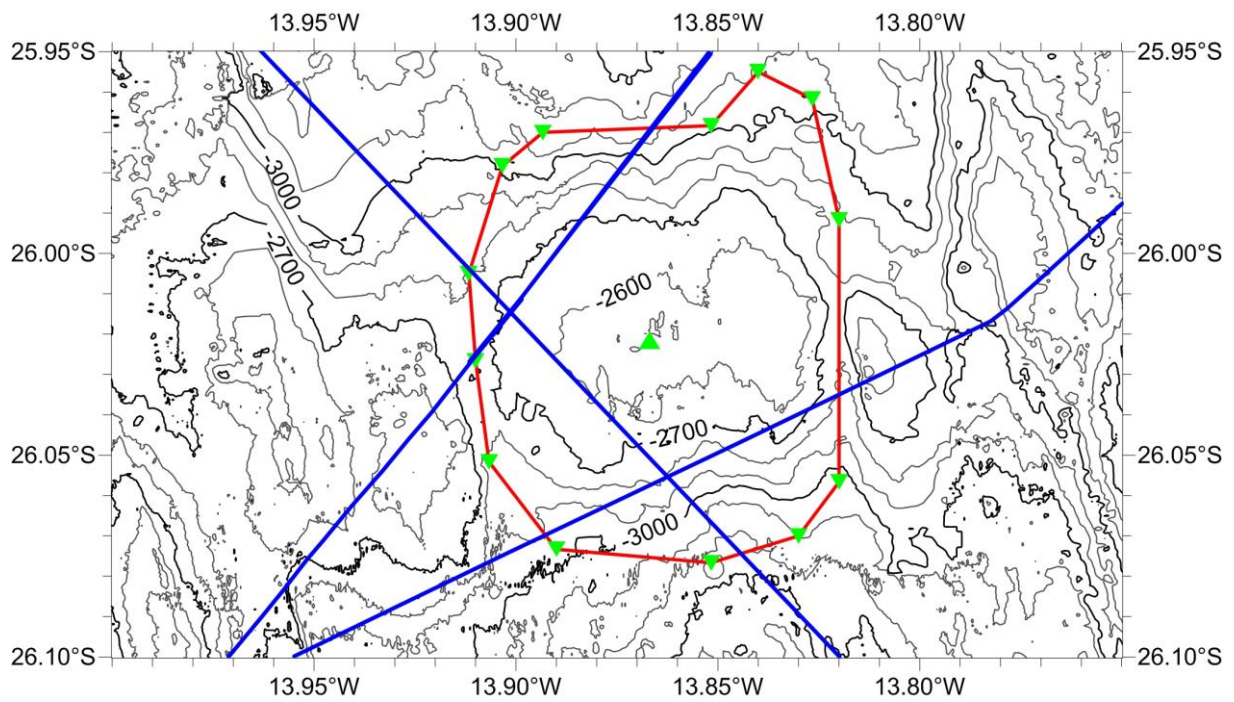


Fig.3 Bathymetric map of the Xunmei Knoll, showing track lines

(Contours are in 100 m, blue lines are survey lines)

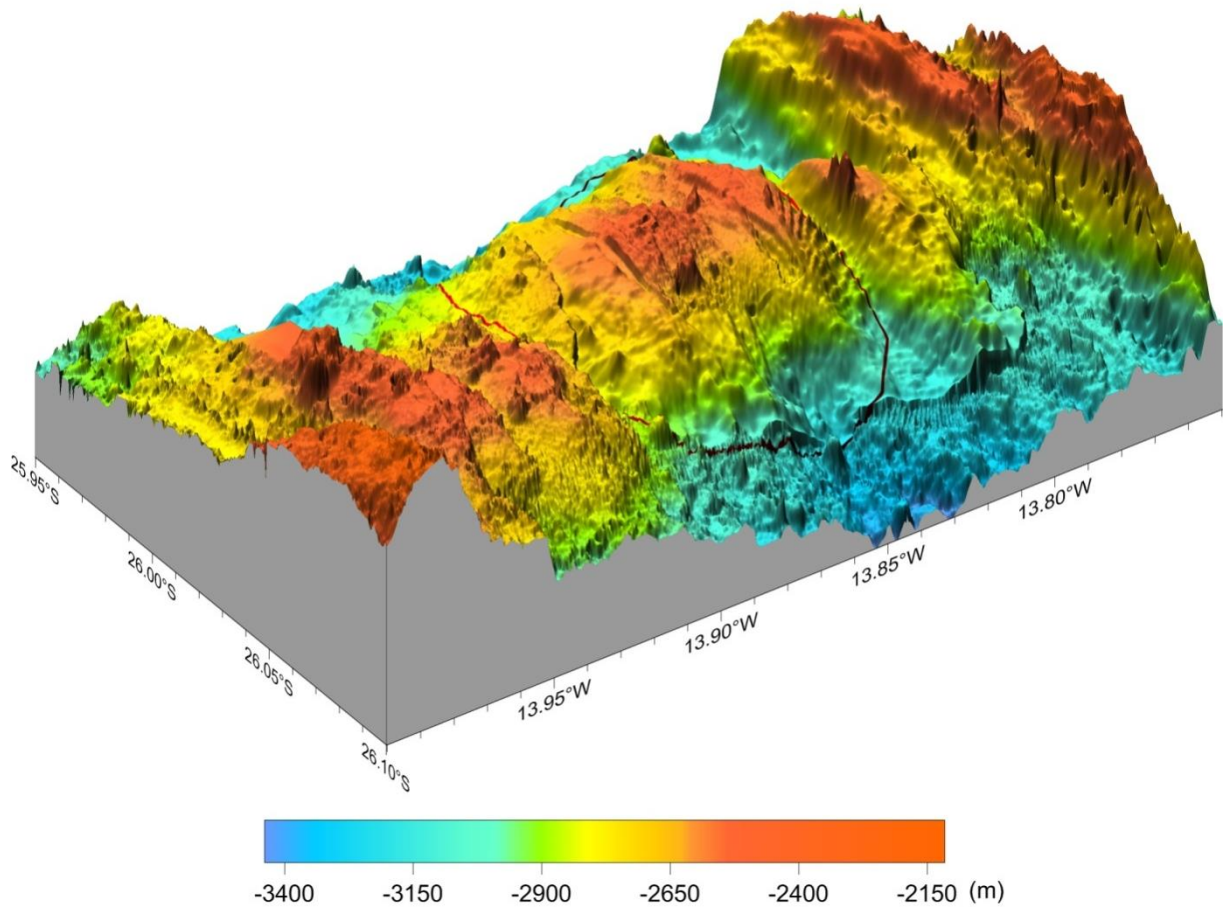


Fig 4. 3-D topography map of the Xunmei Knoll

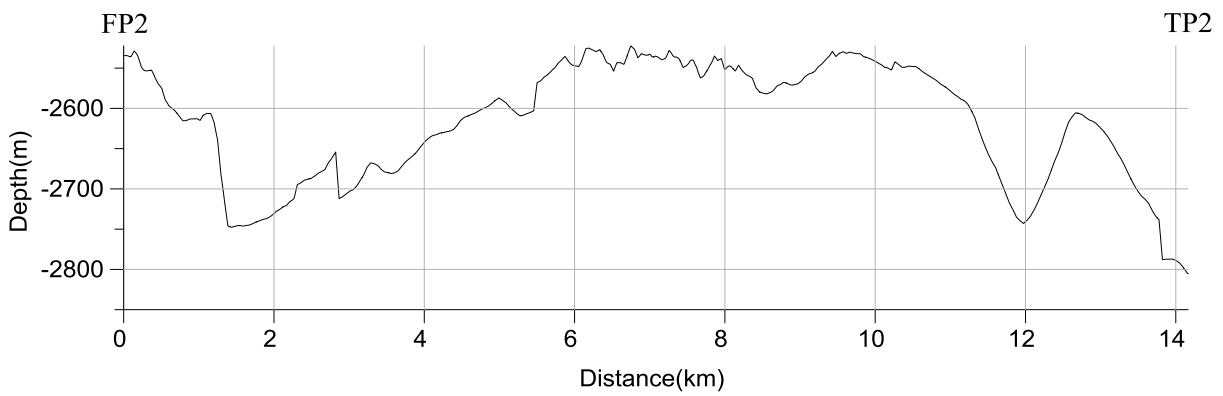
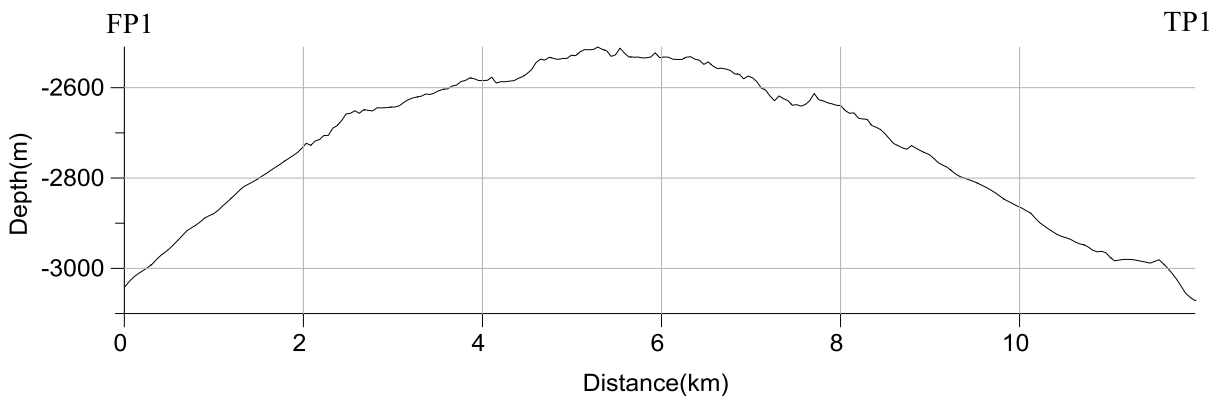
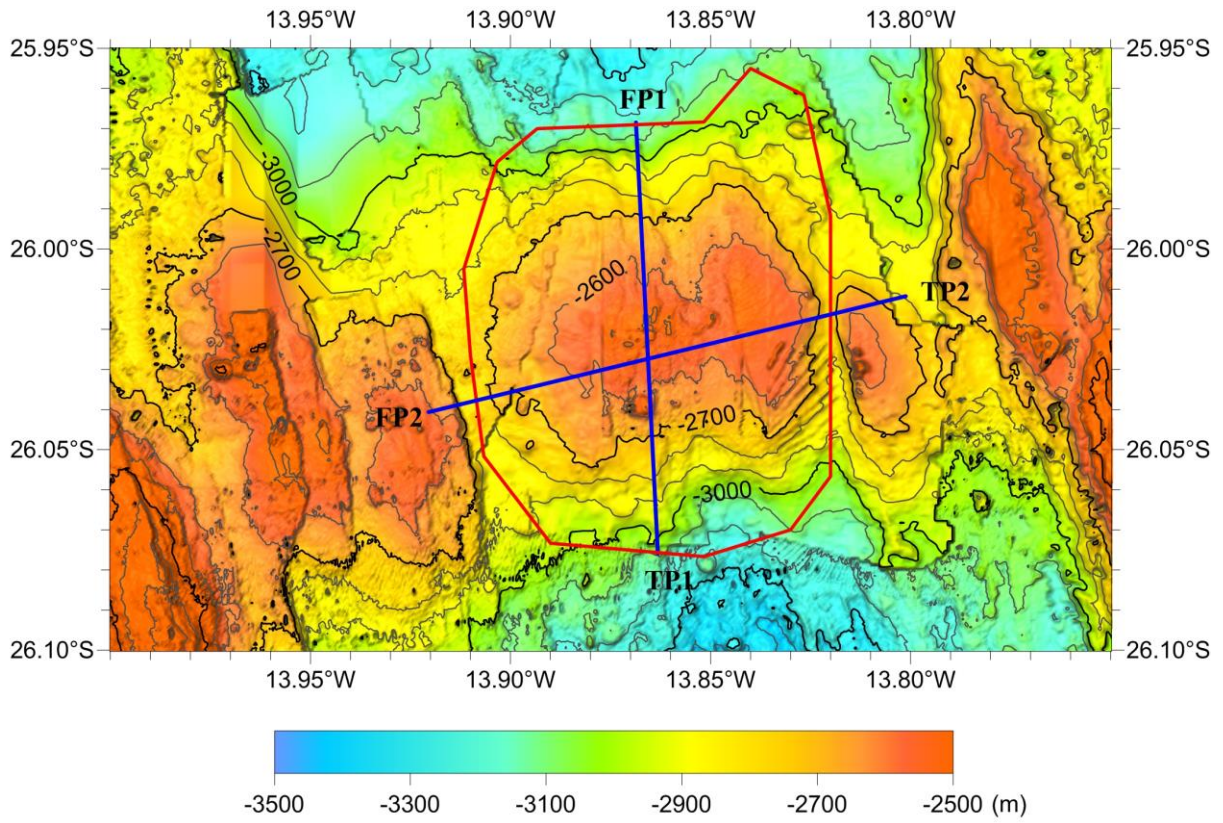


Fig.5 Bathymetric map and profile of the Xunmei Knoll

